

Reply to Office Action of April 13, 2011

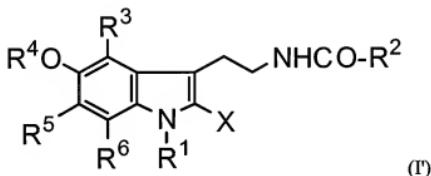
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-3. (Canceled)

4. (Currently Amended) A compound represented by formula (I') or a salt thereof:



wherein:

(+)X represents a bromine atom; R¹ represents a substituted or unsubstituted C₂₋₆ alkenyl, substituted or unsubstituted C₂₋₆ alkynyl, a substituted or unsubstituted aromatic group, substituted or unsubstituted aralkyl, substituted or unsubstituted arylsulfonyl, substituted or unsubstituted C₁₋₆ alkylsulfonyl, or hydroxyl; R² represents substituted or unsubstituted C₁₋₂₁ alkyl; R³ and R⁵ are the same or different and each represents a halogen atom; R⁶ represents a hydrogen atom or a halogen atom; and R⁴ represents a ~~hydrogen atom or substituted or unsubstituted C₄₋₆ alkyl~~, or

(2) X represents a bromine atom; R¹ represents a hydrogen atom; R² represents substituted or unsubstituted C₂₋₂₁ alkyl; R³ and R⁵ are the same or different and each represents a halogen atom; R⁶ represents a hydrogen atom or a halogen atom; and R⁴ represents a hydrogen atom or substituted or unsubstituted C₁₋₆ alkyl.

5. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents substituted or unsubstituted C₂₋₆ alkenyl, substituted or unsubstituted C₂₋₆ alkynyl, a substituted or unsubstituted aromatic group, substituted or unsubstituted aralkyl, substituted or unsubstituted arylsulfonyl, or substituted or unsubstituted C₁₋₆ alkylsulfonyl; R² represents methyl; R³ and R⁵ each represents a bromine atom; R⁶ represents a hydrogen atom or a bromine atom; and R⁴ represents methyl.

6. (Withdrawn) A pharmaceutical composition comprising:

as an active ingredient, the compound according to claim 4 or a pharmaceutically acceptable salt thereof; and

a pharmaceutically acceptable carrier.

7. (Withdrawn) A method for treating or preventing osteoporosis comprising administering a therapeutically effective amount of the pharmaceutical composition according to claim 6 to a subject in need thereof.

8. (Withdrawn) A method for activating an osteoblast comprising administering a therapeutically effective amount of the pharmaceutical composition according to claim 6 to a subject in need thereof.

9. (Withdrawn) A method for suppressing an osteoclast comprising administering a therapeutically effective amount of the pharmaceutical composition according to claim 6 to a subject in need thereof.

10-13. (Canceled)

14. (Previously Presented) The compound represented by formula (I') according to claim 4, wherein R³ and R⁵ each represents a bromine atom.

15. (Canceled)

16. (Previously Presented) The compound represented by formula (I') according to claim 4, wherein R² is the C₂₋₂₁ alkyl and is selected from the group consisting of ethyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, pentyl, isopentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, pentadecyl, hexadecyl, heptadecyl, octadecyl, nonadecyl, icosyl, heneicosyl, cyclopropyl, cyclobutyl, cyclopentyl and cyclohexyl.

17. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents substituted or unsubstituted C₂₋₆ alkenyl, substituted or unsubstituted C₂₋₆ alkynyl, or substituted or unsubstituted aralkyl; and R³ and R⁵ each represents a bromine atom.

18. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents substituted or unsubstituted allyl, substituted or unsubstituted propargyl, substituted or unsubstituted benzyl, or substituted or unsubstituted phenethyl; and R³ and R⁵ each represents a bromine atom.

19. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents allyl, propargyl, benzyl, or phenethyl; and R³ and R⁵ each represents a bromine atom.

20. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents substituted or unsubstituted aralkyl; and R³ and R⁵ each represents a bromine atom.

21. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents substituted or unsubstituted benzyl, or substituted or unsubstituted phenethyl; and R³ and R⁵ each represents a bromine atom.

22. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R¹ represents benzyl, or phenethyl; and R³ and R⁵ each represents a bromine atom.

23. (Previously Presented) The compound represented by formula (I') according to claim 4 or a salt thereof, wherein R⁶ represents a bromine atom.